SNS Logbook

Thomas Pelaia II

EPICS Collaboration Meeting 2004

May 6, 2004

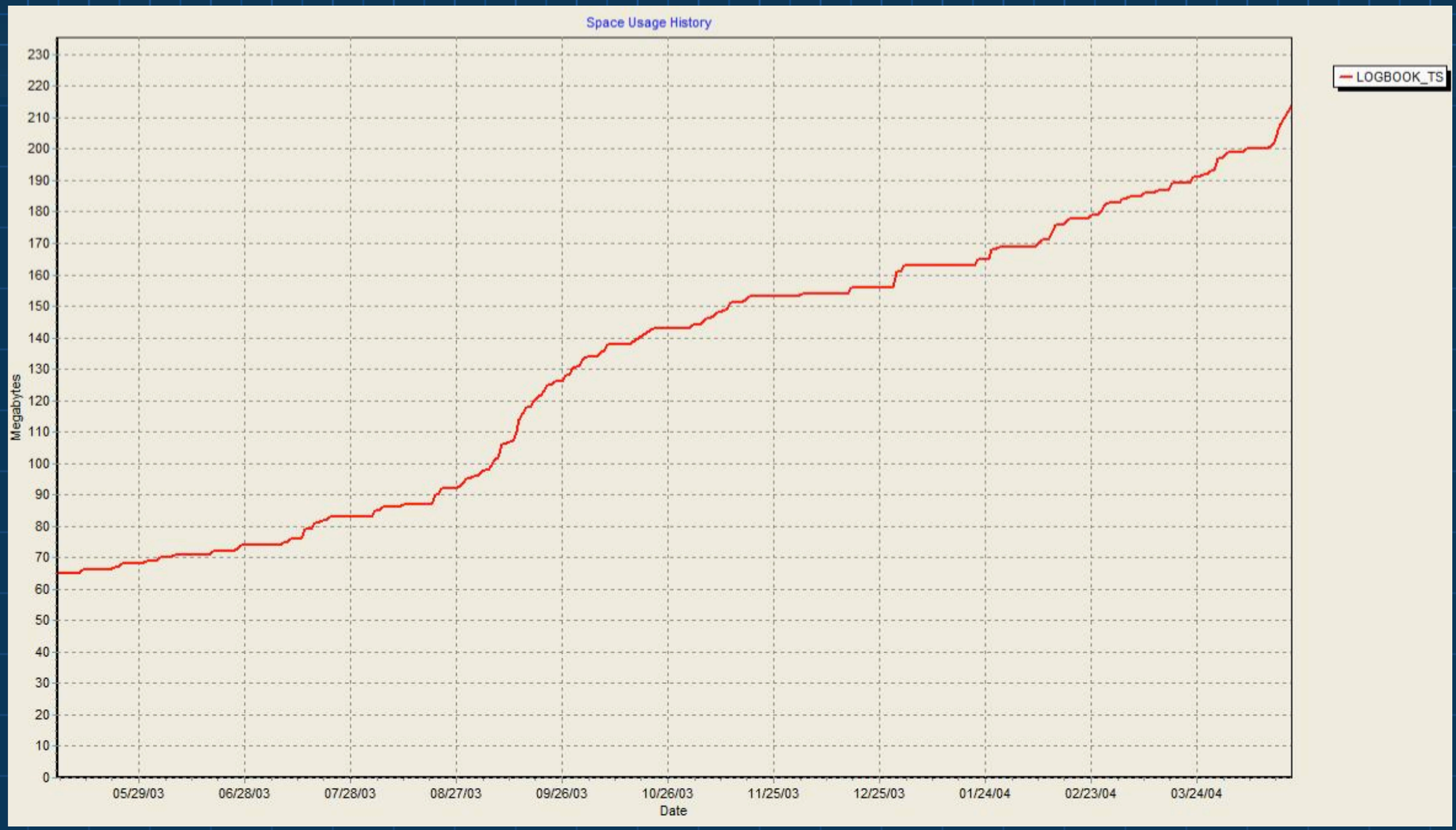
SNS Logbook Group

- Mario Giannella
- Brad Horn
- Jeff Patton
- Tom Pelaia

SNS Logbook Roadmap

May 2002	Conceive, design and preview an SNS Logbook prototype
Summer 2002	Develop Logbook and integrate with SNS Global Database
October 2002	Deploy SNS Logbook version 1.0
2003	Introduce many new features
Spring 2004	Introduce SNS Logbook 2.0

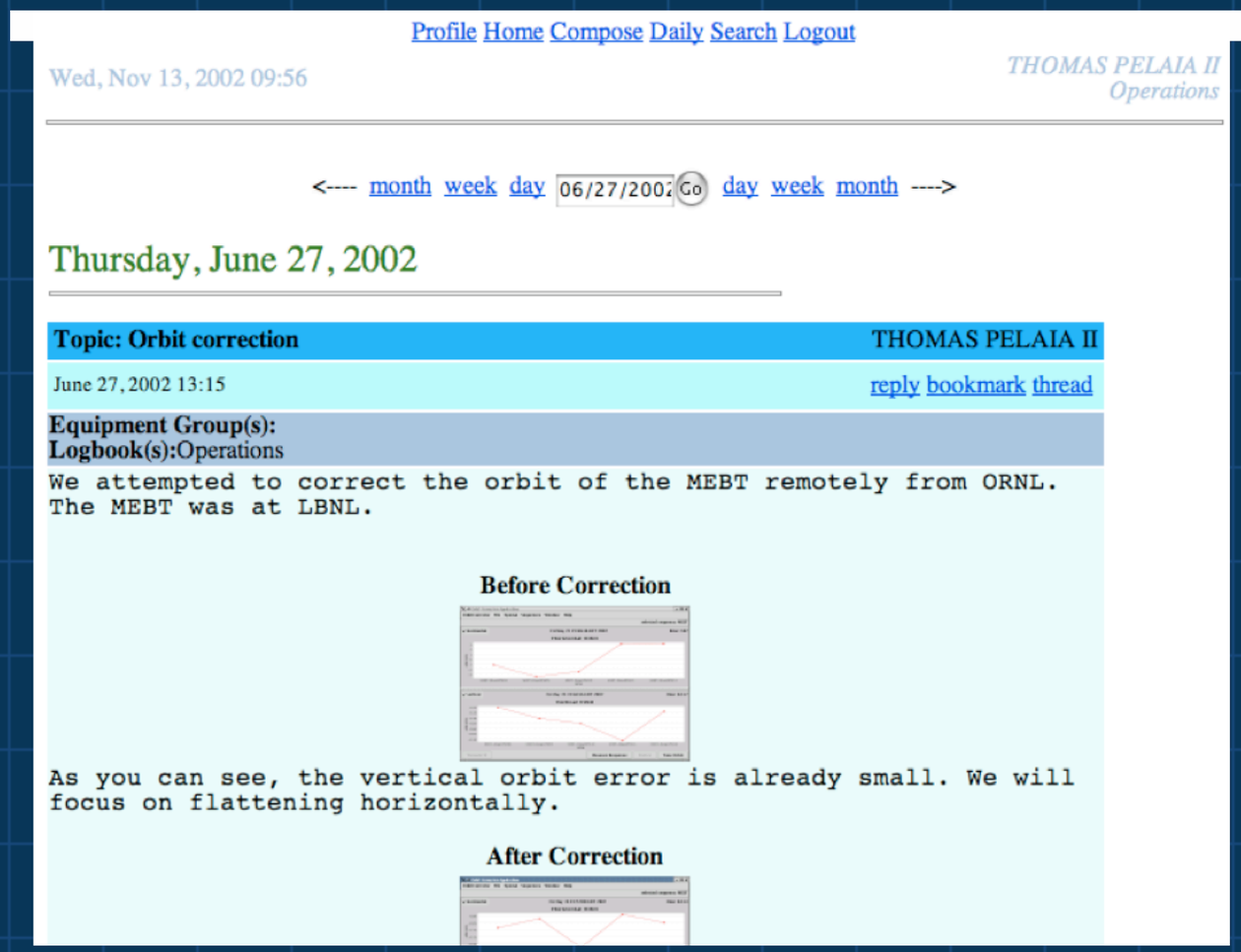
Logbook Activity in Megabytes



Old Logbook Experience

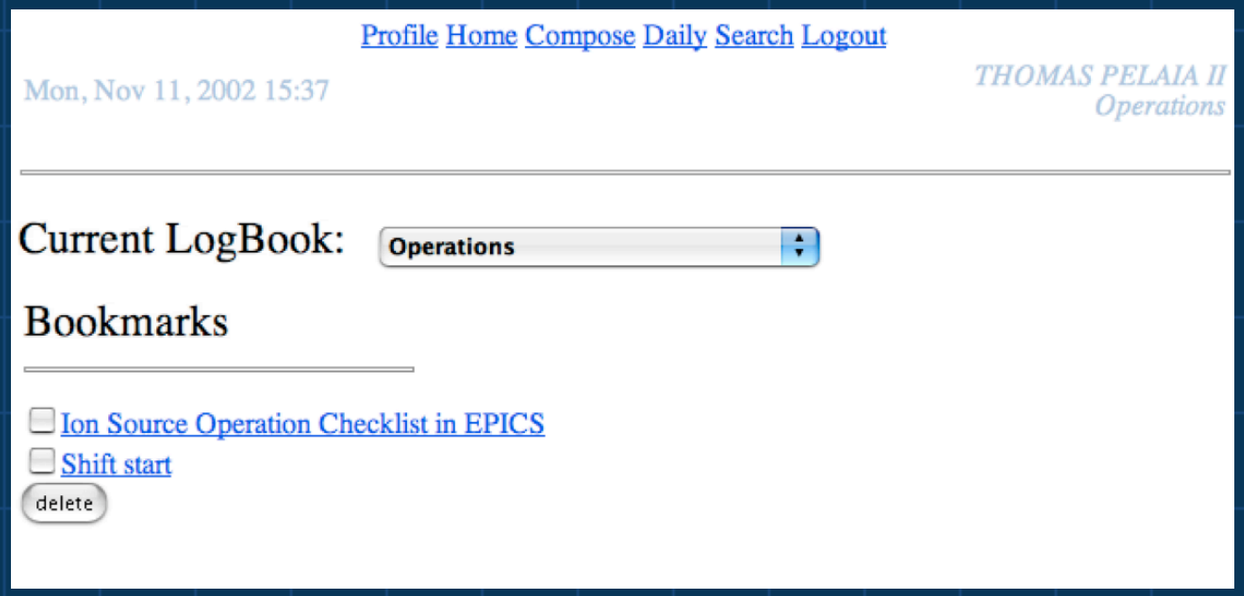
- **Positive features**
  - Easy to use
  - Users can browse and compose entries from standard web browsers
  - Customizable and good database integration
- **Need for improvement**
  - Navigation was cumbersome
  - Layout was basic and not really consistent or efficient
  - No online help
  - Deployment was somewhat involved

Old Logbook - Daily Browsing



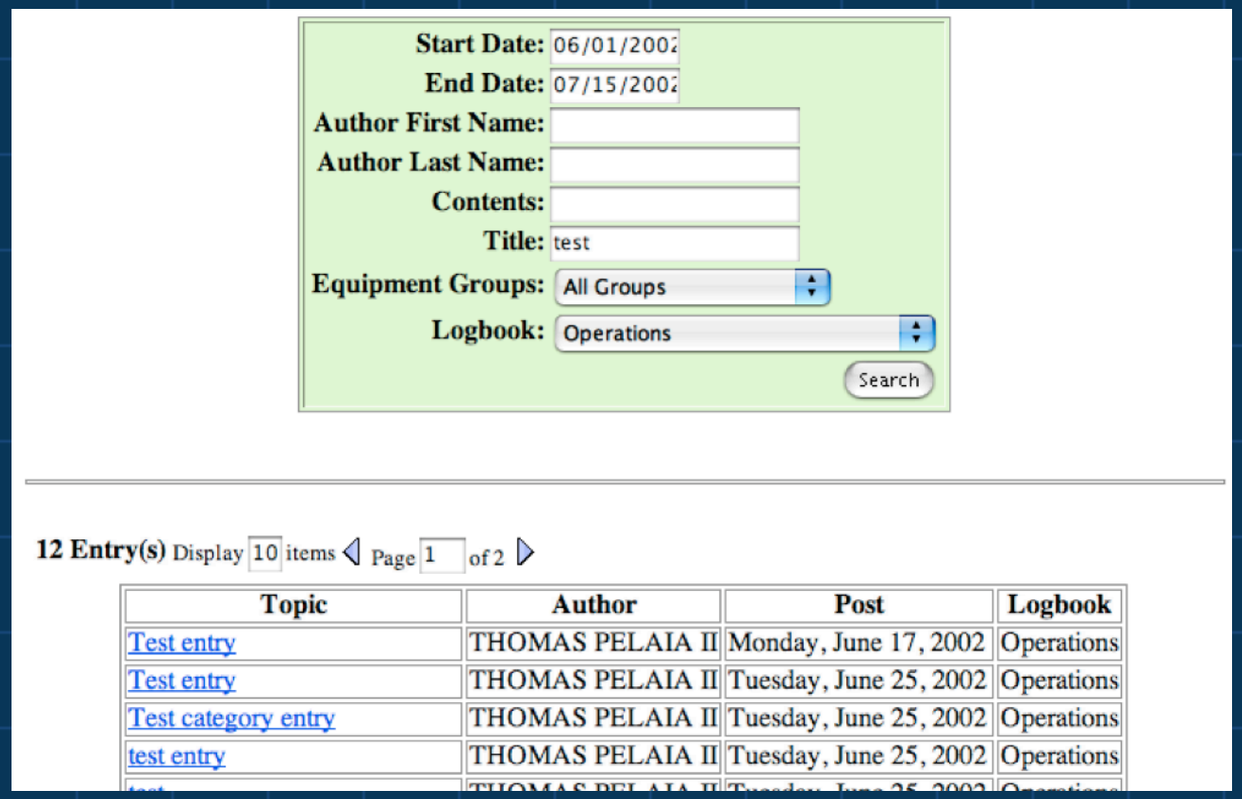
- View an entire day of entries
- Only very basic navigation options
- Colors need to be toned down

Old Logbook - Bookmarks



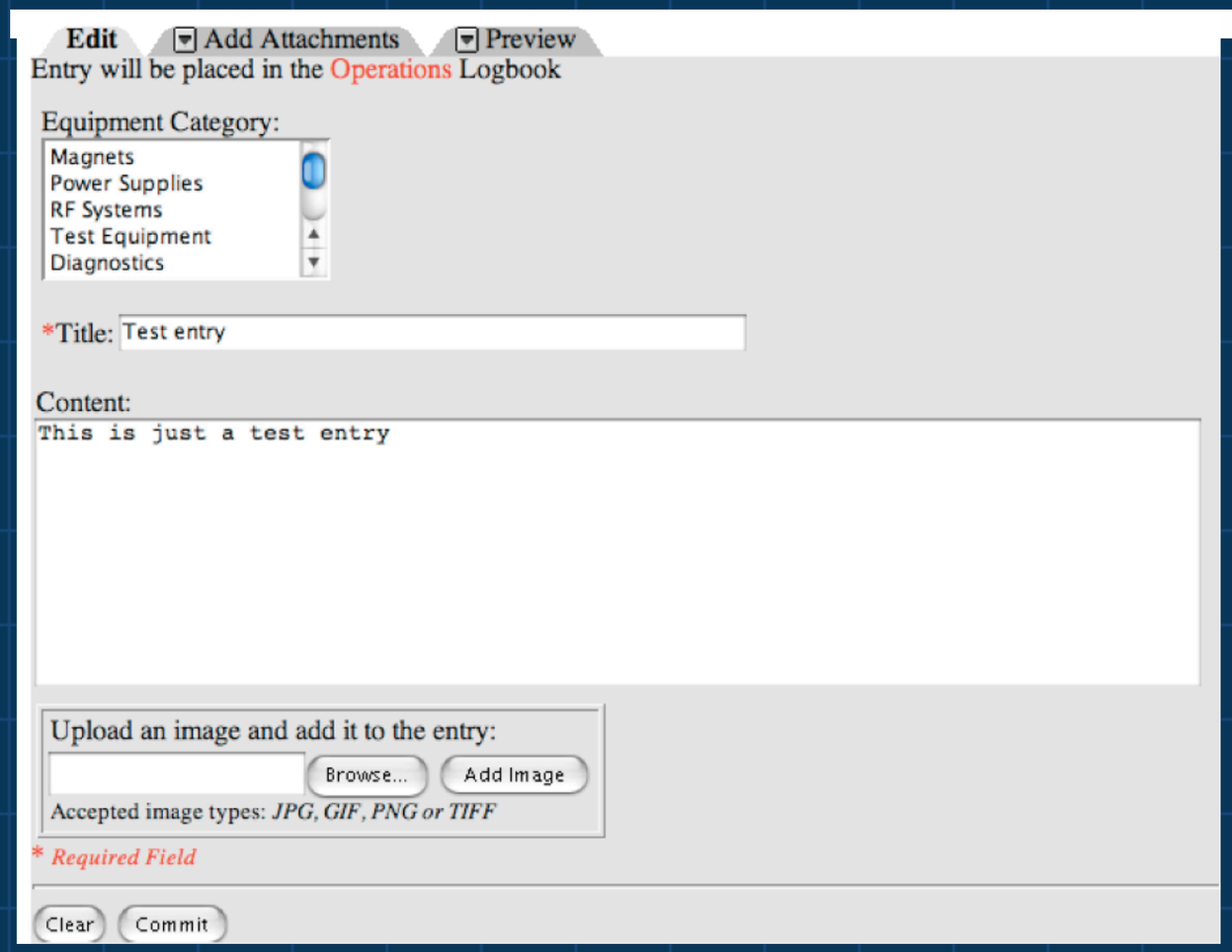
- Home page for setting logbook and managing bookmarks
- No shortcut for viewing other entries on the day on which the bookmark occurs
- Layout is somewhat obscure
- Inefficient for user to change logbook

Old Logbook - Search



- Easy to use
- Yet another navigation interface
- viewing entries requires back navigation
- No shortcut for viewing other entries on the day on which the entry occurs

Old Logbook - Composing

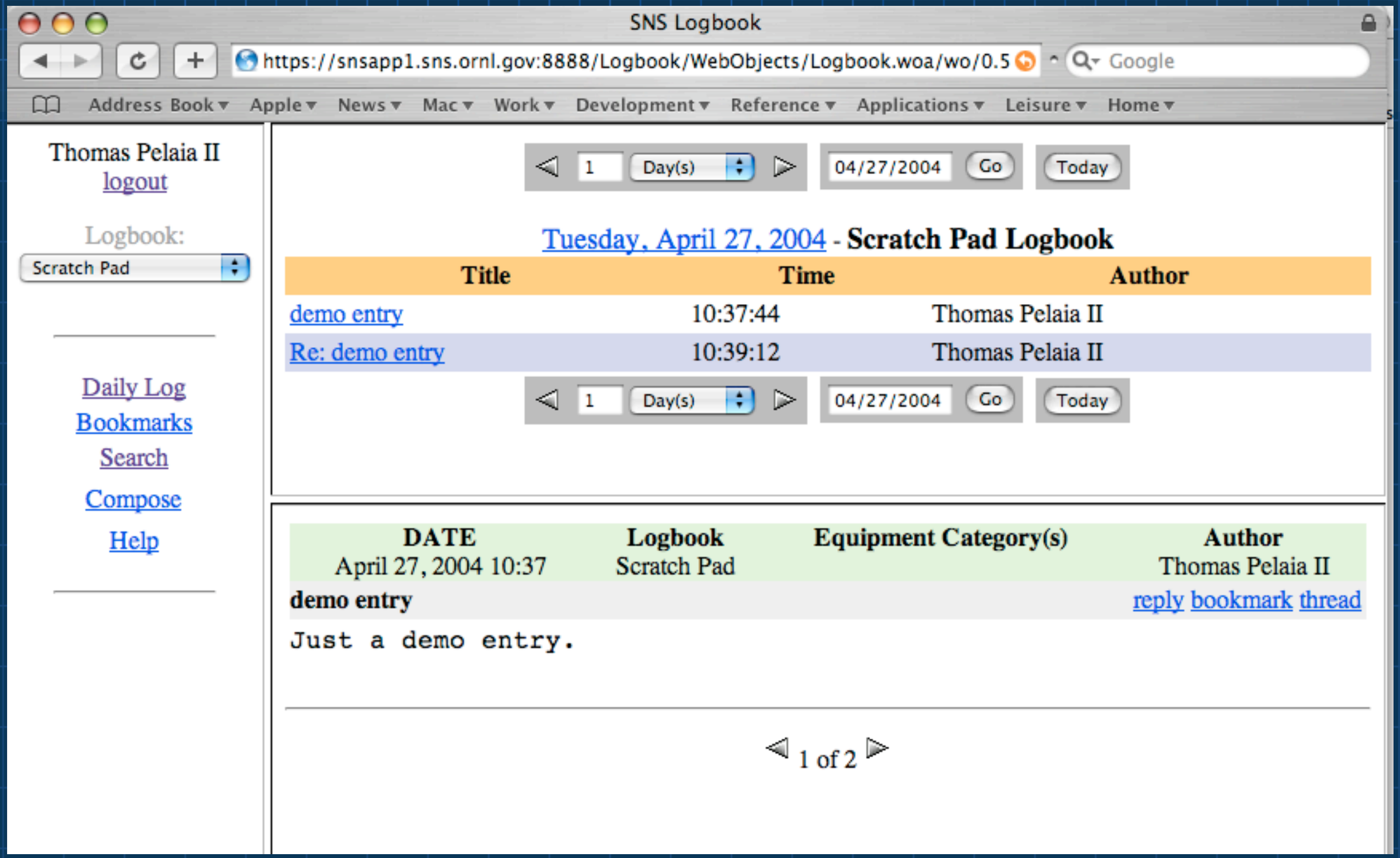


- Not enough feedback on entry length limits
- Why are attachments and images handled inconsistently?
- Display is too busy when several images have been added

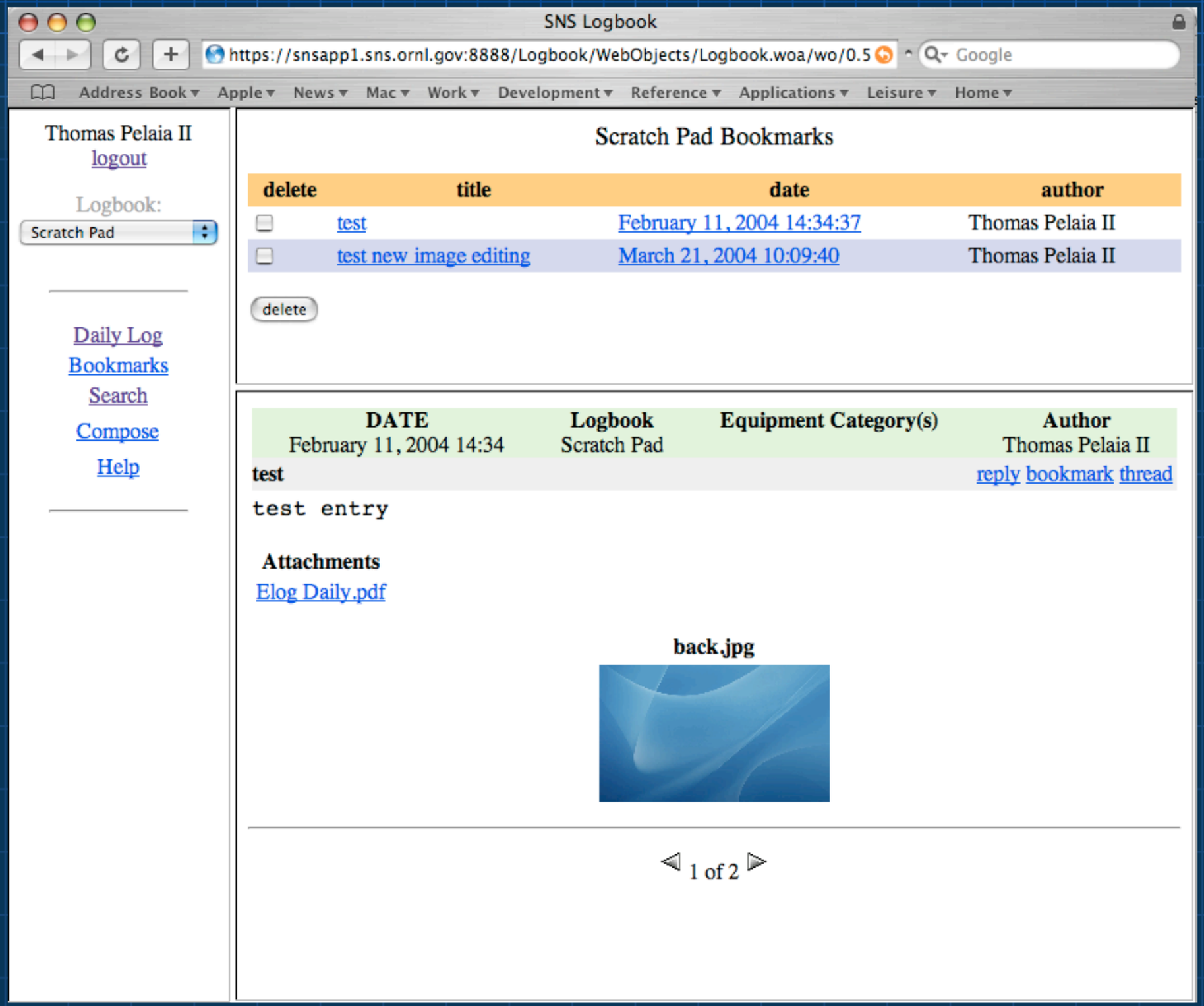
SNS Logbook 2 Changes

- Introduce a three frame view for efficient navigation
- Provide a more consistent look and feel for daily browsing, bookmarks and searching
- Improved composing
- Provide online help
- Stream images and attachments
- Display a person's preferred name
- Deploy under JBoss 3.2
- Many other improvements

Daily Navigation



Bookmarks


SNS Logbook
https://snsapp1.sns.ornl.gov:8888/Logbook/WebObjects/Logbook.woa/wo/0.5
Google
Address Book
Apple
News
Mac
Work
Development
Reference
Applications
Leisure
Home
Thomas Pelaia II
logout
Logbook:
Scratch Pad
Daily Log
Bookmarks
Search
Compose
Help
Scratch Pad Bookmarks
delete
title
date
author
test
February 11, 2004 14:34:37
Thomas Pelaia II
test new image editing
March 21, 2004 10:09:40
Thomas Pelaia II
delete
DATE
February 11, 2004 14:34
Logbook
Scratch Pad
Equipment Category(s)
Author
Thomas Pelaia II
test
reply bookmark thread
test entry
Attachments
Elog Daily.pdf
back.jpg
1 of 2

Search Form

Thomas Pelaia II
logout

Logbook:
Scratch Pad

Daily Log
Bookmarks
Search
Compose
Help

Search Results

From: 04/20/2004 **To:** 04/27/2004

Logbook: Scratch Pad

Equipment Groups: All Groups

Subject: **Image Title:**

Contents:

Author First Name: **Last Name:**

Search

Search Results

Thomas Pelaia II
logout

Logbook:
Scratch Pad

Daily Log
Bookmarks
Search
Compose
Help

Search **Results**

21 Entries Display 10 items Page 1 of 3

Title	Author	Post	Logbook
test entry	Thomas Pelaia II	Friday, March 19, 2004	Scratch Pad
test of the new character counter	Thomas Pelaia II	Friday, March 19, 2004	Scratch Pad
just a test	Thomas Pelaia II	Friday, March 19, 2004	Scratch Pad
Re: test of the new character counter	Thomas Pelaia II	Saturday, March 20, 2004	Scratch Pad
test new image editing	Thomas Pelaia II	Sunday, March 21, 2004	Scratch Pad
test entry	Thomas Pelaia II	Monday, March 22, 2004	Scratch Pad
test entry	Thomas Pelaia II	Monday, March 22, 2004	Scratch Pad

DATE	Logbook	Equipment Category(s)	Author
March 21, 2004 10:09	Scratch Pad		Thomas Pelaia II

test new image editing reply bookmark thread

```
Test the new image editing features.
```

blue.jpg

```
Just a sample image. Some more text.
```

blue 2.jpg

Composing

Thomas Pelaia II
logout

Logbook:
Scratch Pad

Daily Log
Bookmarks
Search
Compose
Help

DATE	Logbook	Equipment Category(s)	Author
April 27, 2004 10:37	Scratch Pad		Thomas Pelaia II

demo entry reply bookmark thread

```
Just a demo entry.
```

Edit | Add Images | Add Attachments | Preview

The Current Logbook for This Thread is Scratch Pad

Equipment Category:

*Title: yet another reply

*Content: (4000 character limit)

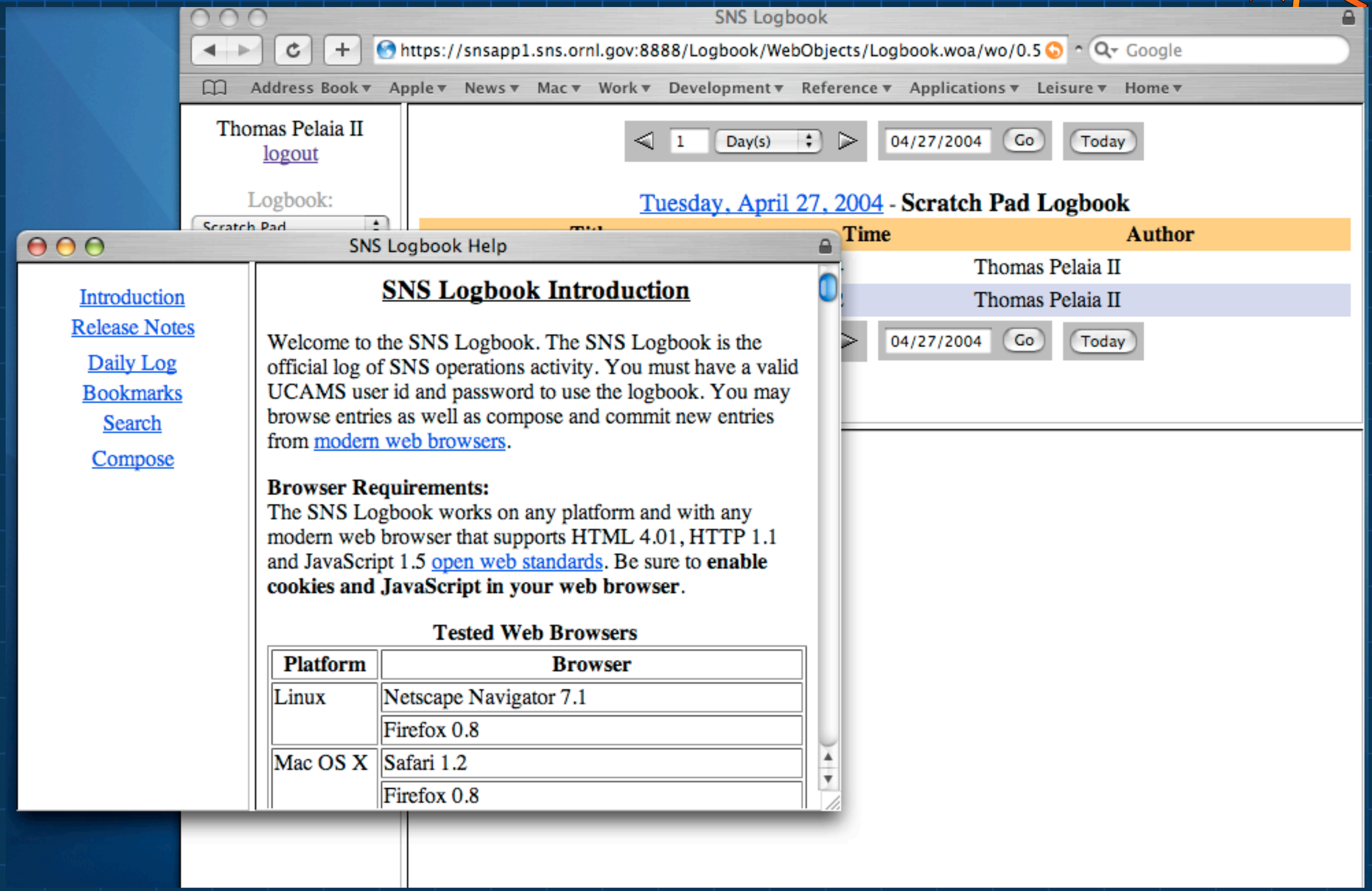
This is just a sample reply to another entry to demonstrate how threads are entered.

character count: 84

* *Required Field*

Clear Commit

Online Help


SNS Logbook
https://snsapp1.sns.ornl.gov:8888/Logbook/WebObjects/Logbook.woa/wo/0.5
Google
Address Book
Apple
News
Mac
Work
Development
Reference
Applications
Leisure
Home
Thomas Pelaia II
logout
Logbook:
Scratch Pad
1
Day(s)
04/27/2004
Go
Today
Tuesday, April 27, 2004 - Scratch Pad Logbook
Time
Author
Thomas Pelaia II
Thomas Pelaia II
04/27/2004
Go
Today
SNS Logbook Help
Introduction
Release Notes
Daily Log
Bookmarks
Search
Compose
SNS Logbook Introduction
Welcome to the SNS Logbook. The SNS Logbook is the official log of SNS operations activity. You must have a valid UCAMS user id and password to use the logbook. You may browse entries as well as compose and commit new entries from modern web browsers.
Browser Requirements:
The SNS Logbook works on any platform and with any modern web browser that supports HTML 4.01, HTTP 1.1 and JavaScript 1.5 open web standards. Be sure to enable cookies and JavaScript in your web browser.
Tested Web Browsers
Platform
Browser
Linux
Netscape Navigator 7.1
Firefox 0.8
Mac OS X
Safari 1.2
Firefox 0.8

SNS Logbook 2

- Developed with Apple WebObjects 5.2.3
- 100% J2EE compliant
- Simple deployment under JBoss 3.2 on Solaris server
- Oracle 9 database stores all content
- No change required in logbook content from version 1.0 since the pages are dynamically generated

Future Directions

- Email notification to send an entry to a selected group (integrated with the call list)
- Add support for users to indicate that they have read certain required entries
- Support entry types and standard forms (problem report, shift summary, ...)
- Allow each user to organize entries
- Allow users to view multiple logbooks concurrently
- Address other user requests